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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q64574

Hirobumi AOKI, et al.

Appln. No.: 09/869,142

Group Art Unit: 1652

Confirmation No.: 1209

Examiner: Christian L. FRONDA

Filed: June 26, 2001

For: NOVEL RHODOCOCCLUS BACTERIUM, NITRILASE GENE, NITRYL HYDRATASE GENE AND AMIDASE GENE FROM RHODOCOCCLUS BACTERIUM, AND PROCESS FOR PRODUCING CARBOXYLIC ACIDS USING THEM

SUBMISSION OF CORRECTED PTO/SB/08 A & B (modified)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

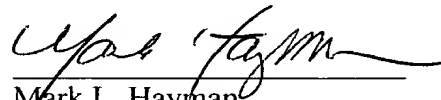
Sir:

On February 27, 2004, an Information Disclosure Statement was filed with attachments including a PTO/SB/08 A & B (modified) and a copy of Supplementary European Search Report EP 00 97 0065. A typographic error has since been noted in this PTO/SB/08 A&B (modified), specifically, US 5,827,669 should read US 5,827,699. For verification, the correct US patent number, 5,827,699, is listed on page 6 of the Supplementary European Search Report attached to the February 27, 2004 Information Disclosure Statement. Accordingly, Applicants submit herein a corrected PTO/SB/08 A & B (modified).

SUBMISSION OF CORRECTED PTO/SB/08 A & B (modified)
USSN 09/869,142

While Applicants believe that no fees are required, the USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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23373

CUSTOMER NUMBER

Date: August 31, 2004

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/869,142
Confirmation Number	1209
Filing Date	June 26, 2001
First Named Inventor	Hirobumi AOKI
Art Unit	1652
Examiner Name	Christian L. FRONDA
Attorney Docket Number	Q64574

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,811,286	A	09-22-1998	Fallon et al.
		US 5,827,699	A	10-27-1998	Yanenko et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	0 502 476	A2	09-09-1992	NITTO CHEMICAL INDUSTRY CO., LTD.	N/A
		EP	0 445 646	A2	09-11-1991	NITTO CHEMICAL INDUSTRY CO., LTD.	N/A
		JP	2001-292772	A	10-23-2001	SHOWA DENKO K.K.	Abstract
		JP	2001-136977	A	05-22-1991	SHOWA DENKO K. K.	Abstract
		WO	01/64857	A1	09-07-2001	BASF Aktiengesellschaft	Abstract
		EP	0 909 821	A2		BASF Aktiengesellschaft	Abstract
		WO	97/06248	A1	02-20-1997	ALLIED COLLOIDS LIMITED	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Kobayashi, et al., "The Catalytic Mechanism of Amidase Also Involves Nitrile Hydrolysis", <i>FEBS Letters</i> (1998), vol. 439, pp. 325-328.	N/A
		Veiko, et al., "Cloning and Determination of the Nucleotide Sequence of the Nitrile Hydratase Gene", <i>Russian Biotechnology</i> (1995), no. 5, pp. 1-4.	N/A
		Database Accession No. X86737, retrieved from EBI online.	N/A
		Kobayashi, et al., "Cloning, Nucleotide Sequence and Expression in <i>Escherichia coli</i> of Two Cobalt-containing Nitrile Hydratase Genes from <i>Rhodococcus rhodochrous</i> J1", <i>Biochimica et Biophysica Acta</i> (1991), vol. 1129, no. 1, pp. 23-33.	N/A
		Database Accession No. P21219, retrieved from EBI online.	N/A
		Database Accession No. P21220, retrieved from EBI online.	N/A
		Nagasawa, et al., "Characterization of a New Cobalt-containing Nitrile Hydratase Purified from Urea-induced Cells of <i>Rhodococcus rhodochrous</i> J1", <i>Eur. J. Biochem</i> (1991), vol. 196, no. 3, pp. 581-589.	N/A
		Komeda, et al., "Characterization of the Gene Cluster of High-Molecular-Mass Nitrile Hydratase (H-NHase) Induced by its Reaction Product in <i>Rhodococcus rhodochrous</i> J1", <i>Proc. Natl. Acad. Sci.</i> (1996), vol. 93, no. 9, pp. 4267-4272.	N/A
		Database Accession No. D67027, retrieved from EBI online.	N/A
		Stevenson, et al., "Mechanistic and Structural Studies on <i>Rhodococcus</i> ATCC 39484 Nitrilase", <i>Biotechnology and Applied Biochemistry</i> (1992), vol. 15, no. 3, pp. 283-302.	N/A
		Kato, et al., "Nitrile Hydratase Involved in Aldoxime Metabolism from <i>Rhodococcus</i> sp. Strain YH3-3: Purification and Classification", <i>Eur. J. Biochem.</i> (1999), vol. 263, pp. 662-670.	N/A
		Silman, et al., "Directed Evolution of Amidase in <i>Methylophilus methylotrophus</i> ; Purification and Properties of Amidases from Wild-type and Mutant Strains", <i>Journal of General Microbiology</i> (1991), vol. 137, pp. 169-178.	N/A
		Kobayashi, et al., "Nitrilase Catalyzes Amide Hydrolysis as Well as Nitrile Hydrolysis", <i>Biochemical and Biophysical Research Communications</i> (1998), vol. 253, pp. 662-666.	N/A
		A.W. Bunch, "Biotransformation of Nitriles by <i>Rhodococci</i> ", <i>Antonie van Leeuwenhoek</i> (1998), vol. 74, pp. 89-97.	N/A

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.